

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SMARB12.001AUS	APPLICATION NO. 10/611,306
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANTS (1) Jan MA (2) Yin Chiang BOEY	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 1, 2003	GROUP 2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BC	1	US 5,147,281	09/1992	Thornton et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BC	2	GB 2 054 756	02/1981	Great Britain			n/a	
BS	3	GB 2 002 052	02/1979	Great Britain			n/a	
BS	4	EP 0 173 661	03/1986	Europe			n/a	
BC	5	EP 1 215 737	06/2002	Europe			n/a	
BS	6	JP 1996336967A	12/1996	Japan			yes	
BS	7	JP 2002252391A	09/2002	Japan			yes	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER	DATE CONSIDERED
<i>BC</i>	8/29/04
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DAV1180.001AUS	APPLICATION NO. 10/611,306
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (SEE SEVERAL SHEETS IF NECESSARY)		APPLICANT MA et al.	
		FILING DATE July 1, 2003	GROUP 2834

EXAMINER INITIAL	DOCUMENT
621	1 "Single-tube three dimensional scanner for scanning tunneling microscopy" by BINNIG et al; <i>Rev. Sci. Instrum.</i> 57 (August 1986); pages 1688-1689
62	2 "An ultrasonic micromotor using a bending cylindrical transducer based on PZT thin film" by MORITA et al; <i>Sensors and Actuators A</i> 50 (1995); pages 75-80
63	3 "A cylindrical shaped micro ultrasonic motor utilizing PZT thin film (1.4mm in diameter and 5.0mm long stator transducer)" by MORITA et al; <i>Sensors and Actuators</i> 83 (2000); pages 225-230
64	4 "A Cylindrical Micro Ultrasonic Motor Using PZT Thin Film Deposited by Single Process Hydrothermal Method (ϕ 2.4mm, L = 10mm Stator Transducer)" by MORITA et al; <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , Vol. 45, No. 5 (September 1998); pages 1178-1187
65	5 "A Cylindrical Ultrasonic Micro Motor Based on PZT Thin Film" by KUROSAWA et al; <i>IEEE Ultrasonics Symposium</i> (1994); pages 549-552
66	6 "A micro ultrasonic motor fabricated by hydrothermal method (1.4mm in diameter and 5mm in length stator transducer)" by MORITA et al; <i>IEEE Ultrasonic Symposium</i> (1998); pages 671-674
67	7 "Electrophoretic Deposition of Advanced Ceramics" by CHENG et al; <i>Processing and Fabrication of Advanced Materials VIII</i> (2000); pages 517-524
68	8 "Properties of Modified Lead Zirconate Titanate Ceramics Prepared at Low Temperature (800°C) by Hot Isostatic Pressing" by LI et al; <i>J. Am. Ceram. Soc.</i> 83 (2000); pages 955-957
69	9 "Design of a Cylindrical Ultrasonic Micromotor to Obtain Mechanical Output" by MORITA et al; <i>Jpn. J. Appl. Phys.</i> Vol. 35 (1996); pages 3251-3254
70	10 "Cylindrical Micro Ultrasonic Motor Utilizing Bulk Lead Zirconate Titanate (PZT)" by MORITA et al; <i>Jpn. J. Appl. Phys.</i> Vol. 38 (1999); pages 3347-3350
71	11 "Effect of Shear Stress on Sintering" by RAHAMAN et al; <i>J. Am. Ceram. Soc.</i> 69 (1986); pages 53-58
72	12 "Loss Mechanisms in Piezoelectrics: How to Measure Different Losses Separately" by UCHINO et al; <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> Vol. 48 (2001); pages 307-321
73	13 "Compact Ultrasonic Rotary Motors" by UCHINO et al; <i>Ferroelectrics</i> Vol. 257 (2001); pages 3-12
74	14 "Analysis of Bending Displacement of Lead Zirconate Titanate Thin Film Synthesized by Hydrothermal Method" by OHBA et al; <i>Jpn. J. Appl. Phys.</i> Vol. 32 (1993); pages 4095-4098
75	15 "Piezoelectric Properties of Niobium-Doped $[\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})_{1-x}\text{Ti}_x]\text{O}_3$ Ceramics Material near the Morphotropic Phase Boundary" by YAMASHITA et al; <i>Jpn. J. Appl. Phys.</i> Vol. 33 (1994); pages 4652-4656
76	16 "Piezoelectric tubes and tubular composites for actuator and sensor applications" by ZHANG et al; <i>J. Mater. Sci.</i> 28 (1993); pages 3962-3968
77	17 "Design and Fabrication of a High Performance Multilayer Piezoelectric Actuator with Bending Deformation" by YAO et al; <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> Vol. 46 (1999); pages 1020-1027
78	18 "Electromechanical Properties of Composite Bending-Type Transducers" by MARUTAKE et al; <i>Jpn. J. Appl. Phys.</i> Vol. 34 (1995); pages 5284-5287
79	19 " $\text{Ba}(\text{Ti}_{1-5/4x}\text{Nb}_x)\text{O}_3$ Relaxor Ferroelectrics" by ZHANG et al; <i>Ferroelectrics Letters</i> Vol. 29 (2002); pages 125-130

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EXAMINER	DATE CONSIDERED
	6/24/04
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. DAV1190.001AUS		APPLICATION NO. Unknown	
	APPLICANT Ma et al.			
	FILING DATE Herewith		GROUP Unknown	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>ES</i>	1	US 6,388,364	05/14/02	Cremer et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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EXAMINER	<i>Polite</i>	DATE CONSIDERED	<i>6/24/02</i>
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